

APR 22 2004

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 196)

Complete if Known

| | |
|----------------------|---------------------------|
| Application Number | 10/622,081 |
| Filing Date | July 16, 2003 |
| First Named Inventor | SIPPENS GRÖENEWEGEN, ARNE |
| Examiner Name | |
| Art Unit | 3736 |
| Attorney Docket No. | 020061-000410US |

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit Account:

Deposit Account Number

20-1430

Deposit Account Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) or any underpayment of fee(s)

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity | Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|------------------------|----------|
| 1001 | 770 | 2001 | 385 | Utility filing fee | |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | Extra Claims | Fee from below | Fee Paid |
|--------------------|----|--------------|----------------|----------|
| Total Claims | 37 | -20** = | X\$9 | \$153 |
| Independent Claims | 7 | -6** = | X\$43 | \$43 |
| Multiple Dependent | | X | | |

Large Entity | Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|----------|----------|----------|----------|--|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 196)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

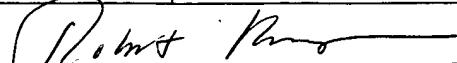
3. ADDITIONAL FEES

| Large Entity | Fee Code | Fee (\$) | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|---------------------------|----------|--------------|----------|----------|--|----------|
| | 1051 | 130 | | 2051 | 65 | Surcharge - late filing fee or oath | |
| | 1052 | 50 | | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| | 1053 | 130 | | 1053 | 130 | Non-English specification | |
| | 1812 | 2,520 | | 1812 | 2,520 | For filing a request for reexamination | |
| | 1804 | 920* | | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| | 1805 | 1,840* | | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| | 1251 | 110 | | 2251 | 55 | Extension for reply within first month | |
| | 1252 | 420 | | 2252 | 210 | Extension for reply within second month | |
| | 1253 | 950 | | 2253 | 475 | Extension for reply within third month | |
| | 1254 | 1,480 | | 2254 | 740 | Extension for reply within fourth month | |
| | 1255 | 2,010 | | 2255 | 1,005 | Extension for reply within fifth month | |
| | 1401 | 330 | | 2401 | 165 | Notice of Appeal | |
| | 1402 | 330 | | 2402 | 165 | Filing a brief in support of an appeal | |
| | 1403 | 290 | | 2403 | 145 | Request for oral hearing | |
| | 1451 | 1,510 | | 1451 | 1,510 | Petition to institute a public use proceeding | |
| | 1452 | 110 | | 2452 | 55 | Petition to revive – unavoidable | |
| | 1453 | 1,330 | | 2453 | 665 | Petition to revive – unintentional | |
| | 1501 | 1,330 | | 2501 | 665 | Utility issue fee (or reissue) | |
| | 1502 | 480 | | 2502 | 240 | Design issue fee | |
| | 1503 | 640 | | 2503 | 320 | Plant issue fee | |
| | 1460 | 130 | | 1460 | 130 | Petitions to the Commissioner | |
| | 1807 | 50 | | 1807 | 50 | Petitions related to provisional applications | |
| | 1806 | 180 | | 1806 | 180 | Submission of Information Disclosure Stmt | |
| | 8021 | 40 | | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| | 1809 | 770 | | 2809 | 385 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| | 1810 | 770 | | 2810 | 385 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| | 1801 | 770 | | 2801 | 385 | Request for Continued Examination (RCE) | |
| | 1802 | 900 | | 1802 | 900 | Request for expedited examination of a design application | |
| | Other fee (specify) _____ | | | | | | |

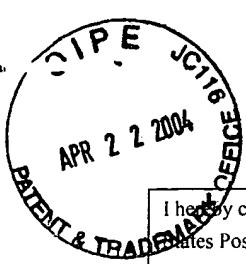
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|-----------------------------------|--------|-----------|--------------|
| Name (Print/Type) | Robert F. Kramer | Registration No. (Attorney/Agent) | 51,242 | Telephone | 650-326-2400 |
| Signature |  | | | Date | 04/19/2004 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On 19 APRIL 2004

TOWNSEND and TOWNSEND and CREW LLP

By: _____

Nancy Pizzo
NANCY PIZZO

PATENT

Attorney Docket No.: 020061-000410US

Customer No. 20350

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Arne Sippens Groenewegen et al.

Application No.: 10/622,081

Filed: July 16, 2003

For: Methods and Apparatus for Enhancing
Diagnosis of Myocardial Infarctions

Confirmation No. 1847

Examiner:

T.C./Art Unit: 3736

PRELIMINARY AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 18 of this paper.

Amendments to the Drawings begin on page 25 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks/Arguments begin on page 26 of this paper.

An **Appendix** including amended drawing figures is attached following page of this paper.

04/23/2004 HALI11 00000023 201430 10622081
01 FC:2201 43.00 DA
02 FC:2202 153.00 DA